

Lighting	Temperature Range		Visibility in Snow (Statute Miles)		
	°C	°F	Heavy ²	Moderate ²	Light ²
Darkness	-1 and above	30 and above	<2	2 - 4	>4
	Below -1	Below 30	<1	1 - 2 1/2	>2 1/2
Daylight	-1 and above	30 and above	<1	1 - 2	>2
	Below -1	Below 30	<1/2	1/2 - 1 1/4	>1 1/4

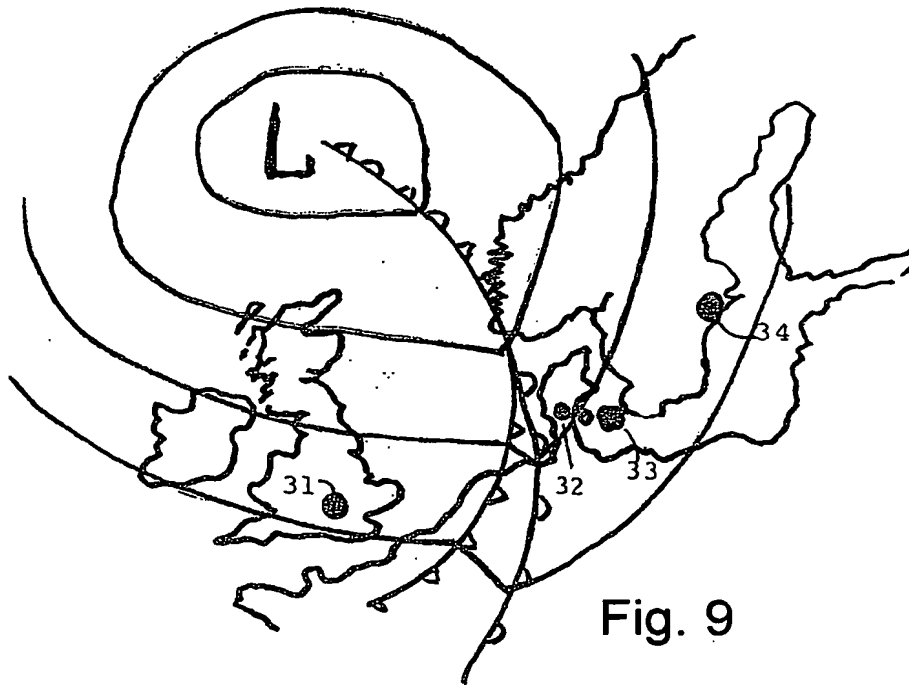
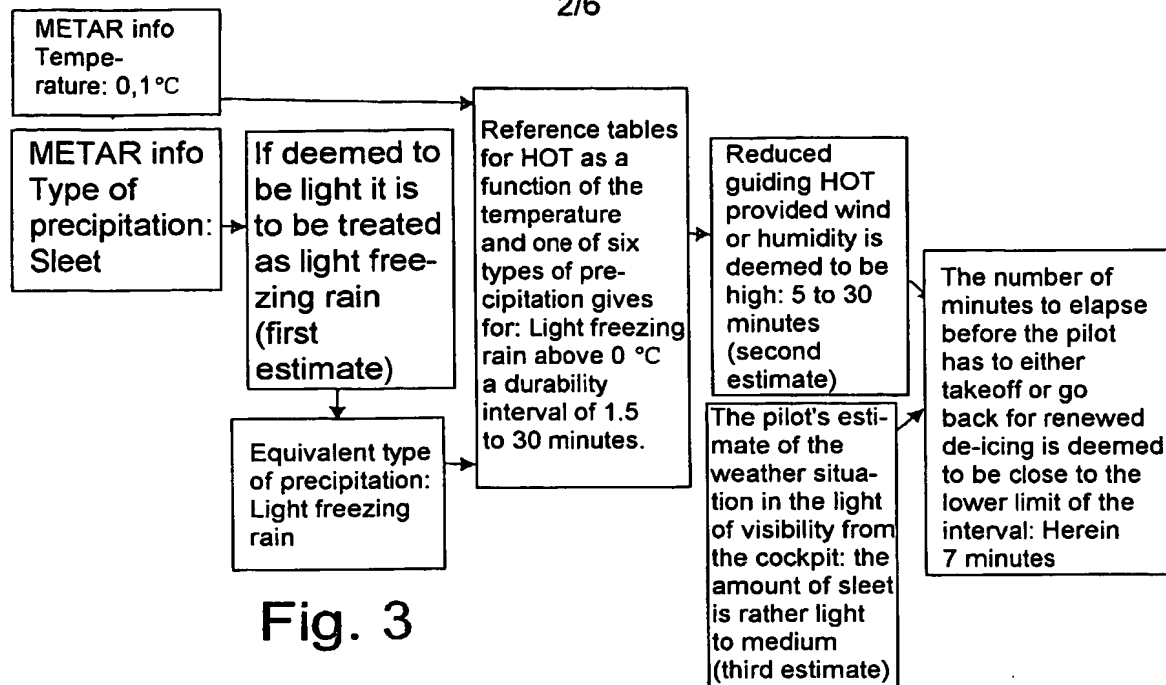
Fig. 1

OAT		ISO Type II Fluid Concentration Fluid/Water (Vol%/Vol %)	APPROXIMATE HOLDOVER TIMES ANTICIPATED UNDER VARIOUS WEATHER CONDITIONS (hours: minutes)					
°C	°F		*Frost	Freezing Fog	Snow (including snow grains)	**Freezing Drizzle	Light Freezing Rain	Rain on cold Soaked Wing
Above 0	Above 32	100/0	12:00	0:35-1:30	0:20-0:55	0:30-0:55	0:15-0:30	0:05-0:40
		75/25	6:00	0:25-1:00	0:15-0:40	0:20-0:45	0:10-0:25	0:05-0:25
		50/50	4:00	0:15-0:30	0:05-0:15	0:05-0:15	0:05-0:10	
0 to -3	32 to 27	100/0	8:00	0:35-1:30	0:20-0:45	0:30-0:55	0:15-0:30	
		75/25	5:00	0:25-1:00	0:15-0:30	0:20-0:45	0:10-0:25	
		50/50	3:00	0:15-0:30	0:05-0:15	0:05-0:15	0:05-0:10	
Below -3 to -14	Below 27 to 7	100/0	8:00	0:20-1:05	0:15-0:35	***0:15-0:45	***0:10-0:30	
		75/25	5:00	0:20-0:55	0:15-0:25	***0:15-0:30	***0:10-0:20	
Below -14 to -25	Below 7 to -13	100/0	8:00	0:15-0:20	0:15-0:30			
Below -25	Below -13	100/0	ISO Type II fluid may be used below -25°C (-13°F) Provided the freezing point of the fluid is at least 7°C (13°F) below the OAT and the aerodynamic acceptance criteria are met. Consider use of ISO Type I fluid when ISO Type II fluid cannot be used (see table 3)					

Fig. 2

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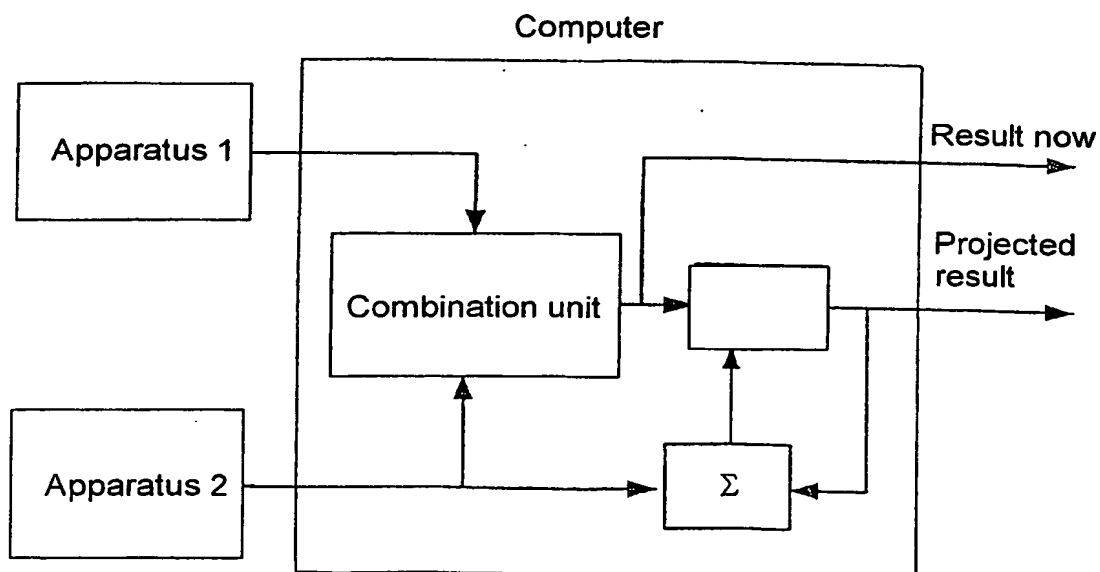
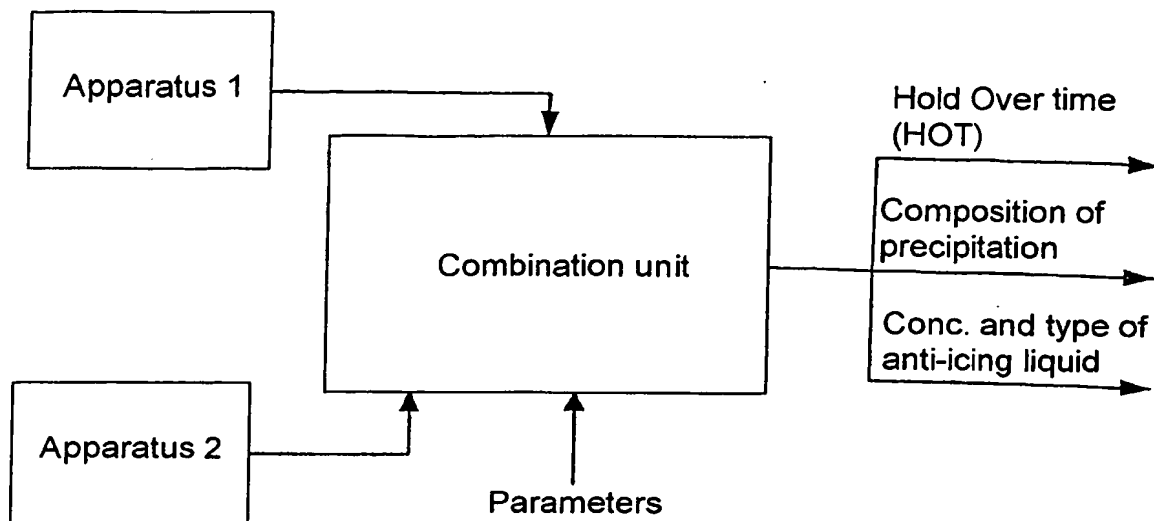
EXCERPT OF DETAILED HOLDOVER TIMES ANTICIPATED UNDER VARIOUS WEATHER CONDITIONS AS A FUNCTION OF OAT, ISO FLUID TYPE, PRECIPITATION TYPE, ICE CONTENT FACTOR AND EQUIVALENT LIQUID WATER CONTENT.

PRECIPITATION TYPE Ice Factor Equivalent liquid water mm/hr OAT °C ISO Fluid Concentration		Freezing Fog			Snow & Snow Grains including Sleet, Hail, Ice Pellets, Ice Crystals						
		0	1	2-9	0-1	2	3	4	5	6	7-8-9
		< 1 mm	1 to 2,5 mm	> 2,5 mm	0,1 to 0,4 mm	0,4 to 0,8 mm	0,8 to 1,2 mm	1,2 to 1,6 mm	1,6 to 2,0 mm	2,0 to 2,5 mm	Above 2,5 mm
Above 0	100/0	1:10-1:30	0:50-1:10	0:35-0:50	0:50-0:55	0:45-0:50	0:40-0:45	0:35-0:40	0:30-0:35	0:25-0:30	0:20-0:25
	75/25	0:45-1:00	0:35-0:45	0:25-0:35	0:35-0:40	0:35-0:40	0:30-0:35	0:30-0:35	0:25-0:30	0:20-0:25	0:15-0:20
	50/50	0:25-0:30	0:20-0:25	0:15-0:20	0:10-0:15	0:10-0:15	0:10-0:15	0:05-0:10	0:05-0:10	0:05-0:10	0:05-0:10
0 to -3	100/0	1:10-1:30	0:50-1:10	0:35-0:50	0:45-0:50	0:40-0:45	0:35-0:40	0:30-0:35	0:25-0:30	0:20-0:25	0:20-0:25
	75/25	0:45-1:00	0:35-0:45	0:25-0:35	0:25-0:30	0:25-0:30	0:20-0:25	0:20-0:25	0:15-0:20	0:15-0:20	0:15-0:20
	50/50	0:25-0:30	0:20-0:25	0:15-0:20	0:10-0:15	0:10-0:15	0:10-0:15	0:05-0:10	0:05-0:10	0:05-0:10	0:05-0:10
-3 to -14	100/0	0:50-1:05	0:35-0:50	0:20-0:35	0:30-0:35	0:25-0:30	0:25-0:30	0:20-0:25	0:20-0:25	0:15-0:20	0:15-0:20
	75/25	0:40-0:55	0:30-0:40	0:20-0:30	0:20-0:25	0:20-0:25	0:20-0:25	0:15-0:20	0:15-0:20	0:15-0:20	0:15-0:20
-14 to -25	100/0	0:15-0:20	0:15-0:20	0:15-0:20	0:25-0:30	0:25-0:30	0:20-0:25	0:20-0:25	0:15-0:20	0:15-0:20	0:15-0:20

Fig. 4

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